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21 SEP 2005

10/525499

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PATENT
24500-000015/US

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IN THE U.S. PATENT AND TRADEMARK OFFICE

APPLICATION. NO.: 10/525,499
APPLICANT: Valerie BOUSQUET et al.
INTERNATIONAL APPL. NO.: PCT/JP03/10420
CONF.: Unassigned
FILED: February 23, 2005
FOR: MBE GROWTH OF A SEMICONDUCTOR
LAYER STRUCTURE

**RESPONSE TO NOTICE TO FILE MISSING
REQUIREMENTS OF AN APPLICATION**

Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314
Mail Stop PCT

September 21, 2005

Sir:

Under the provisions of 37 C.F.R. § 1.494 or 37 C.F.R. § 1.495, attached hereto are the following additional items necessary for entering the national phase in connection with the above-identified PCT international application.

☒ Executed Declaration and Power of Attorney.

☐ Original

☒ Photocopy

☐ The specification attached to the executed Declaration and Power of Attorney is a true copy of the specification which was filed in the U.S. Patent and Trademark Office on , including any amendments thereto (if applicable) filed on even date therewith.

☐ The undersigned hereby declares that "Attorney Docket No." on page 1 of the attached inventors' Declaration corresponds to Appl. No. filed entitled "."

☐ English language specification, claims, and Abstract with () sheets of drawings.

☐ Applicant claims small entity status under 37 C.F.R. § 1.27.

☒ Attached is a copy of Form PCT/DO/EO/905.

☐ _____

☒ No extension fee is required because the undersigned has filed the documents within the allotted time given by the Notification of Missing Requirements (Form PCT/DO/EO/905). However, if for some reason it is determined that an extension of time is necessary, applicant hereby respectfully petitions for an extension of time for the filing of the present paper in accordance with the provisions of 37 C.F.R. § 1.136 and 37 C.F.R. § 1.17.

☐ Applicant(s) hereby respectfully petitions for () month(s) extension of time for the filing of the present paper in accordance with the provisions of 37 C.F.R. § 1.136 and 37 C.F.R. § 1.17. The required fee of \$0.00 is attached hereto.


The Government Filing Surcharge in the amount of **\$130.00** in accordance with 37 C.F.R. §§ 1.494 and 1.492 **was previously paid for** concurrently with the filing of the application on **February 23, 2005.**

- ☐ Submitted concurrently herewith **under separate cover** for recording is an Assignment.
- ☐ A Fee of \$0.00 to cover the increase in fees of the filing Surcharge is enclosed.
- ☐ Check(s) in the amount of \$0.00 to cover the above-mentioned fees is/are enclosed.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C.

By 
Gregory P. Brummett, Reg. No. 41,646
P.O. Box 8910
Reston, VA 20195
(703) 668-8000

DJD/GPB:lmg

Attachments: Copy of Executed Declaration
Form PCT/DO/EO/905

(Rev. 01/13/05)

Please type a plus sign (+) inside this box → +.

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/525,499
Filing Date	February 23, 2005
Inventor(s)	Valerie BOUSQUET et al.
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	24500-000015/US

ENCLOSURES (check all that apply)

- | | | | | |
|---|--|--|---------|--|
| <input type="checkbox"/> Fee Transmittal Form

<input type="checkbox"/> Fee Attached

<input type="checkbox"/> Amendment
<input type="checkbox"/> After Final

<input type="checkbox"/> Affidavits/declaration(s)

<input type="checkbox"/> Extension of Time Request

<input type="checkbox"/> Express Abandonment Request

<input type="checkbox"/> Information Disclosure Statement

<input type="checkbox"/> Certified Copy of Priority Document(s)
<input checked="" type="checkbox"/> Response to Notice to File Missing Requirements of an Application

<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application)

<input type="checkbox"/> Letter to the Official Draftsperson and _____ Sheets of Formal Drawing(s)

<input type="checkbox"/> Licensing-related Papers

<input type="checkbox"/> Petition

<input type="checkbox"/> Petition to Convert to a Provisional Application

<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address

<input type="checkbox"/> Terminal Disclaimer

<input type="checkbox"/> Request for Refund

<input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group

<input type="checkbox"/> LETTER SUBMITTING APPEAL BRIEF AND APPEAL BRIEF (w/clean version of pending claims)


<input type="checkbox"/> Appeal Communication to Group (Notice of Appeal, Brief, Reply Brief)

<input type="checkbox"/> Proprietary Information

<input type="checkbox"/> Status Letter

<input type="checkbox"/> Other Enclosure(s) (please identify below): | | |
| <table border="1"> <tr> <td>Remarks</td> <td></td> </tr> </table> | | | Remarks | |
| Remarks | | | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name	Gregory P. Brummett	Reg. No.	41,646
Signature					
Date	September 21, 2005				

DJD/GPB



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/525,499	FIRST NAMED APPLICANT Valerie Bousquet	ATTY. DOCKET NO. 24500-000015/US
INTERNATIONAL APPLICATION NO. PCT/JP03/10420		
I.A. FILING DATE 08/18/2003	PRIORITY DATE 08/23/2002	

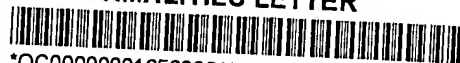
30593

HARNESS, DICKEY & PIERCE, P.L.C.
P.O. BOX 8910
RESTON, VA 20195

*Miss Requirements
9/21/05 [signature]*

CONFIRMATION NO. 7512

371 FORMALITIES LETTER



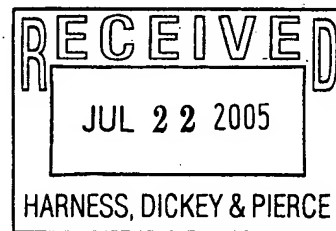
OC000000016569961

Date Mailed: 07/21/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 02/23/2005
- Copy of the International Search Report filed on 02/23/2005
- Copy of IPE Report filed on 02/23/2005
- Information Disclosure Statements filed on 02/23/2005
- Request for Immediate Examination filed on 02/23/2005
- U.S. Basic National Fees filed on 02/23/2005
- Priority Documents filed on 02/23/2005



The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

PAULETTE R KIDWELL

Telephone: (703) 308-9140 EXT 216

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/525,499	PCT/JP03/10420	24500-000015/US

FORM PCT/DO/EO/905 (371 Formalities Notice)